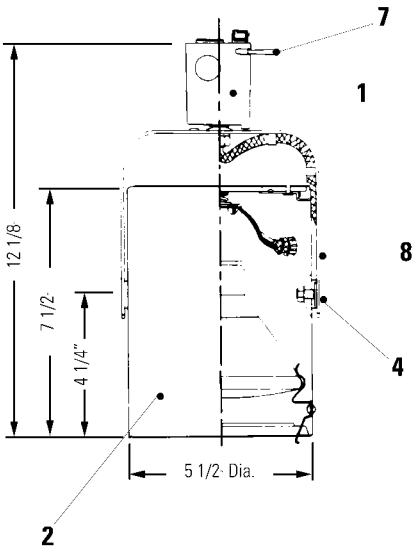
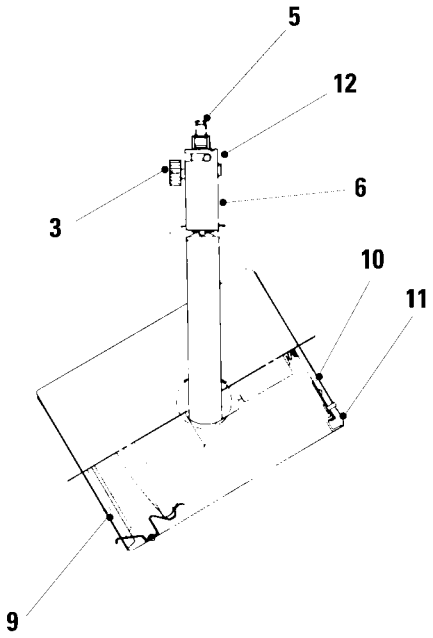




Ordering Information

Catalog No.	Finishes	Mounting	Lamps
7630	Matte Black	All Lytespan Track Systems	250W PAR38
7631	Matte White		

Features

1. **Lytespan Attachment Fitting:** Molded polycarbonate .075" wall thickness. Integral color.
2. **Housing:** .040" aluminum.
3. **Expansion Clamp:** Fingertip squeeze-release for quick attachment; thumb-screw lock for rigid mounting.
4. **Trunion Mounting:** Permently-tensioned with internal spring washer and vibration-proof nut.
5. **Movable Brass Contact:** Extends for connection to 2nd circuit in Advent Lytespan Track.
6. **Pivot Mounting:** Permanently-tensioned; 350° stop for horizontal adjustment.
7. **Lever:** Energizes unit.
8. **Yoke:** .093" steel.
9. **Regressed Filters, Lenses, Etc.:** Retained by spring clips.
10. **Latch:** Opens hinged back for relamping.
11. **Annular Opening for Ventilation**
12. **Polarity Keyway**

Electrical

Porcelain socket, medium base, nickel plated screw shell. No. 18 braided SF-1 leads.

Options & Accessories

4 3/4" Dia. Series Color Filters, Spread Lens, Louver, Barn Doors. (See Lightolier Specification Sheets AF, AF2AS, AL4CC and 7650.

Finish

All painted finishes baked enamel.

Labels

UL; I.B.E.W.

Patents

U.S. Patent No. 3,496,518. Foreign patents granted.

Job Information **Type:**

Job Name:

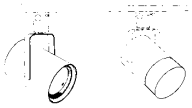
Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte Thomas Company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902

LIGHTOLIER®



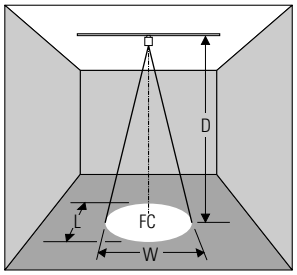
Lighting Data

Aiming Angle

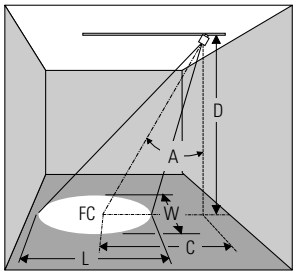
L Beam Length
W Beam Width
C Distance to center beam
D Distance
A Aiming Angle
FC Footcandles

L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

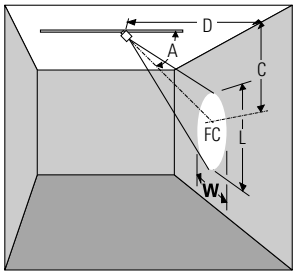
0˚



30˚, 45˚ or 60˚ Horizontal



30˚, 45˚ or 60˚ Vertical



LAMP	Beam Spread 50% Max. CP	Beam Center C.P. Candelas	Rated Life-Hrs	0˚ AIMING ANGLE				A=30˚ AIMING ANGLE					A=45˚ AIMING ANGLE					A=60˚ AIMING ANGLE				
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
60W PAR38 SP (Halogen)	10°	17,500	2,500	8'	273	1.4'	1.4'	7'	4.0'	232	1.6'	1.4'	5'	5.0'	247	1.8'	1.2'	3'	5.2'	243	2.1'	1.0'
				12'	122	2.1'	2.1'	10'	5.8'	114	2.3'	2.0'	7'	7.0'	126	2.5'	1.7'	4'	6.9'	137	2.9'	1.4'
				16'	68	2.8'	2.8'	13'	7.5'	67	3.0'	2.6'	9'	9.0'	76	3.2'	2.2'	5'	8.7'	88	3.6'	1.7'
				20'	44	3.5'	3.5'	16'	9.2'	44	3.7'	3.2'	11'	11.0'	51	3.9'	2.7'	6'	10.4'	61	4.3'	2.1'
60W PAR38 FL(Halogen)	30°	3,200	2,500	6'	89	3.2'	3.2'	5'	2.9'	83	3.7'	3.1'	3'	3.0'	126	3.5'	2.3'	2'	3.5'	100	5.5'	2.1'
				8'	50	4.3'	4.3'	7'	4.0'	42	5.1'	4.3'	5'	5.0'	45	6.8'	3.8'	3'	5.2'	44	8.2'	3.2'
				10'	32	5.4'	5.4'	9'	5.2'	26	6.6'	5.6'	7'	7.0'	23	8.1'	5.3'	4'	6.9'	25	10.9'	4.3'
				12'	22	6.4'	6.4'	11'	6.4'	17	8.1'	6.8'	9'	9.0'	14	10.4'	8.8'	5'	8.7'	16	13.7'	5.4'
90W PAR38 NSP (Halogen)	9°	19,500	2,500	10'	195	1.6'	1.6'	8'	4.6'	198	1.7'	1.5'	6'	6.0'	192	1.9'	0.7'	4'	6.9'	152	2.6'	1.3'
				15'	87	2.4'	2.4'	12'	6.9'	88	2.5'	2.2'	9'	9.0'	85	1.8'	2.9'	6'	10.4'	68	3.8'	1.8'
				20'	49	3.1'	3.1'	16'	9.2'	49	3.4'	2.9'	12'	12.0'	45	2.5'	3.8'	8'	13.9'	38	5.1'	2.5'
				25'	31	3.9'	3.9'	20'	11.5'	32	4.2'	3.6'	15'	15.0'	31	3.2'	4.8'	10'	17.3'	24	6.4'	3.1'
90W PAR38 SP (Halogen)	12°	14,500	2,500	8'	277	1.7'	1.7'	7'	4.0'	192	2.0'	1.7'	5'	5.0'	205	2.1'	1.5'	3'	5.2'	201	2.6'	1.3'
				12'	101	2.5'	2.5'	10'	5.8'	94	2.8'	2.4'	7'	7.0'	105	3.0'	2.1'	4'	6.9'	113	3.5'	1.7'
				16'	57	3.4'	3.4'	13'	7.5'	56	3.7'	3.2'	9'	9.0'	63	3.8'	2.7'	5'	8.7'	73	4.3'	2.1'
				20'	36	4.2'	4.2'	16'	9.2'	37	4.5'	3.9'	11'	11.0'	42	4.7'	3.3'	8'	10.4'	50	5.2'	2.5'
90W PAR38 FL (Halogen)	28°	4,500	2,500	6'	125	3.0'	3.0'	5'	2.9'	117	3.4'	2.9'	3'	3.0'	177	3.2'	2.1'	2'	3.5'	141	4.9'	2.0'
				8'	70	4.0'	4.0'	7'	4.0'	60	4.8'	4.0'	5'	5.0'	64	5.3'	3.5'	3'	5.2'	63	7.4'	3.0'
				10'	45	5.0'	5.0'	9'	5.2'	38	6.1'	5.2'	7'	7.0'	32	7.4'	4.9'	4'	6.9'	35	9.8'	4.0'
				12'	31	6.0'	6.0'	11'	6.4'	24	7.5'	6.3'	9'	9.0'	20	9.6'	6.3'	5'	8.7'	23	12.3'	5.0'
100W PAR38 SP (Halogen)	10°	29,000	3,000	10'	290	1.7'	1.7'	8'	4.6'	294	1.9'	1.8'	6'	6.0'	285	2.1'	1.5'	4'	6.9	227	2.9'	1.4'
				15'	129	2.6'	2.6'	12'	6.9'	131	2.8'	2.4'	9'	9.0'	127	3.2'	2.2'	6'	10.4'	101	4.3'	2.1'
				20'	73	3.5'	3.5'	16'	9.2'	74	3.7'	3.2'	12'	12.0'	71	4.2'	3.0'	8'	13.9'	57	5.7'	2.8'
				25'	45	4.4'	4.4'	20'	11.5'	47	4.7'	4.0'	15'	15.0'	48	5.3'	3.7'	10'	17.3'	36	7.2'	3.5'
100W PAR38 NFL (Halogen)	27°	4,500	3,000	7'	153	3.4'	3.4'	6'	3.5'	135	3.9'	3.3'	4'	4.0'	168	4.1'	2.7'	2'	3.5'	234	4.6'	1.9'
				10'	75	4.8'	4.8'	9'	5.2'	60	5.9'	5.0'	6'	6.0'	74	6.1'	4.1'	3'	5.2'	104	7.0'	2.9'
				13'	44	6.2'	6.2'	12'	6.9'	34	7.8'	6.7'	8'	8.0'	41	8.2'	5.4'	4'	6.9'	59	8.3'	3.8'
				16'	29	7.7'	7.7'	15'	8.7'	22	9.8'	8.3'	10'	10.0'	27	10.2'	6.8'	5'	8.7'	38	11.6'	4.8'
100W PAR38 FL (Halogen)	40°	3,400	3,000	6'	94	4.4'	4.4'	5'	2.9'	88	5.1'	4.2'	3'	3.0'	134	5.0'	3.1'	2'	3.5'	108	9.7'	2.9'
				8'	53	5.8'	5.8'	7'	4.0'	45	7.1'	5.9'	5'	5.0'	48	8.4'	5.1'	3'	5.2'	47	14.5'	4.4'
				10'	34	7.3'	7.3'	9'	5.2'	27	9.1'	7.6'	7'	7.0'	25	11.7'	7.2'	4'	8.9'	27	19.3'	5.8'
				12'	24	8.7'	8.7'	11'	6.4'	18	11.2'	9.2'	9'	9.0'	15	15.1'	9.3'	5'	8.7'	17	24.2'	7.3'
120W PAR38 NSP (Halogen)	10°	2,500	3,000	10'	250	1.7'	1.7'	8'	4.6'	254	1.9'	1.6'	6'	6.0'	245	2.1'	1.5'	4'	6.9'	195	2.9'	1.4'
				15'	111	2.6'	2.6'	12'	6.9'	113	2.8'	2.4'	9'	9.0'	109	3.2'	2.2'	6'	10.4'	87	4.3'	2.1'
				20'	63	3.5'	3.5'	16'	9.2'	63	3.7'	3.2'	12'	12.0'	61	4.2'	3.0'	8'	13.9'	49	5.7'	2.8'
				25'	40	4.4'	4.4'	20'	11.5'	41	4.7'	4.0'	15'	15.0'	30	5.3'	3.7'	10'	17.3'	31	7.2'	3.5'
120W PAR38 FL (Halogen)	30°	5,000	3,000	6'	130	3.2'	3.2'	5'	2.9'	130	3.7'	3.1'	3'	3.0'	196	3.5'	2.3'	2'	3.5'	156	5.5'	2.1'
				8'	78	4.3'	4.3'	7'	4.0'	68	5.1'	4.3'	5'	5.0'	71	5.8'	3.8'	3'	5.2'	69	8.2'	3.2'
				10'	50	5.4'	5.4'	9'	5.2'	40	6.6'	5.6'	7'	7.0'	36	8.1'	5.3'	4'	6.9'	39	10.9'	4.3'
				12'	35	6.4'	6.4'	11'	6.4'	27	8.1'	6.8'	9'	9.0'	22	10.4'	6.8'	5'	8.7'	25	13.7'	5.4'
250W PAR38 SP (Halogen)	11°	40,000	4,200	15'	178	2.9'	2.9'	10'	5.8'	260	2.6'	2.2'	8'	8.0'	221	3.1'	2.2'	5'	8.7'	200	4.0'	1.9'
				20'	100	3.9'	3.9'	15'	8.7'	115	3.9'	3.3'	12'	12.0'	98	4.7'	3.3'	8'	13.9'	78	6.3'	3.1'
				25'	64	4.8'	4.8'	20'	11.5'	65	5.2'	4.4'	16'	16.0'	55	6.2'	4.4'	11'	19.1'	41	8.7'	4.2'
				30'	44	5.8'	5.8'	25'	14.4'	42	6.4'	5.8'	20'	20.0'	35	7.8'	5.4'	14'	24.2'	26	11.1'	5.4'
250W PAR38 FL (Halogen)	32°	8,000	4,200	7'	163	4.0'	4.0'	6'	3.5'	144	4.7'	4.0'	4'	4.0'	177	5.0'	3.2'	2'	3.5'	250	6.1'	2.3'
				10'	80	5.7'	5.7'	9'	5.2'	64	7.1'	6.0'	6'	6.0'	79	7.5'	4.9'	3'	5.2'	111	9.1'	3.4'
				13'	47	7.5'	7.5'	12'	6.9'	36	9.4'	7.9'	8'	8.0'	44	10.0'	6.5'	4'	6.9'	63	12.2'	4.6'
				16'	31	9.2'	9.2'	15'	8.7'	23	11.8'	9.9'	10'	10.0'	28	12.5'	8.1'	5'	8.7'	40	15.2'	5.7'

Job Information **Type:**

Lightolier a Genlyte Thomas Company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902

LIGHTOLIER®